

AMENDMENT

IN THE CLAIMS

Please amend the claims as follows:

1-80. (canceled)

81. (currently amended) An apparatus for delivering voltage pulses to tissue so as to establish an electric field sufficient to assist the topical introduction of a therapeutic agent into a cell of a tissue, wherein the apparatus comprises:

- a) a detachable electrode support member having disposed thereon ~~(one)~~ or more opposing pairs of electrodes arranged relative to one another to form an electrode array, and further comprising an electrode cover and a cosmetic reservoir disposed between the electrode cover and electrode array, wherein the cosmetic reservoir is in fluid communication with the electrode array; and
- b) a power supply in electrical communication with the pair(s) of electrodes disposed in the support member, wherein the power supply provides voltage pulses to at least a pair of the electrodes to effect electroporation.

82. (original) The apparatus according to claim 81, wherein said apparatus is configured to be hand-held.

83-87. (canceled)

88. (original) The apparatus according to claim 87, wherein said reservoir comprises a porous reservoir.

89-92. (canceled)

93. (original) The apparatus according to claim 92, wherein said detachable electrode support member mounting bracket is square, round, contoured, or tube shaped.

94-96. (canceled)

97. (original) The apparatus according to claim 81, wherein said electrodes are a meander type electrode or a micropatch electrode.

98. (original) The apparatus according to claim 97, wherein said meander type electrode comprise an interweaving array of electrically conductive electrode fingers coated on a thin film.

99. (previously amended) The apparatus according to claim 81, wherein said electrodes have a width of about 1 mm.

100. (previously amended) The apparatus according to claim 81, wherein said electrodes are separated by a gap of about 0.2 mm.

101. (currently amended) The apparatus according to claim 81, wherein said pulse generator is powered by a battery, ~~optionally contained within said support member.~~

102-105. (canceled)

106. (original) The apparatus according to claim 81, further comprising a vibrating unit.

107. (original) The apparatus according to claim 81, further comprising a phonophoresis unit.

108. (original) The apparatus according to claim 81, further comprising a pressure sensor unit.

109. (original) The apparatus according to claim 81, further comprising a unit to measure and record the skin resistance of the subject.

110. (canceled)

111. (original) The apparatus according to claim 81, further comprising a means for applying iontophoresis.

112. (original) The apparatus according to claim 111, wherein said means further comprises a switching unit to allow for switching between electroporation and iontophoresis.

113. (original) The apparatus according to claim 106, wherein said vibrating unit applies ultra sound.

114. (original) The apparatus according to claim 81, wherein said pulses are electrical impulses.

115. (original) The apparatus according to claim 114, wherein said pulses are selected from the group consisting of unipolar, bipolar, exponential and square wave forms.

116. (original) The apparatus according to claim 97, wherein said meander electrode is insulated or porous.

117. (original) The apparatus according to claim 81, wherein said electrodes are selected from the group consisting of wire, porous, and meander electrodes.